

FIG. 1

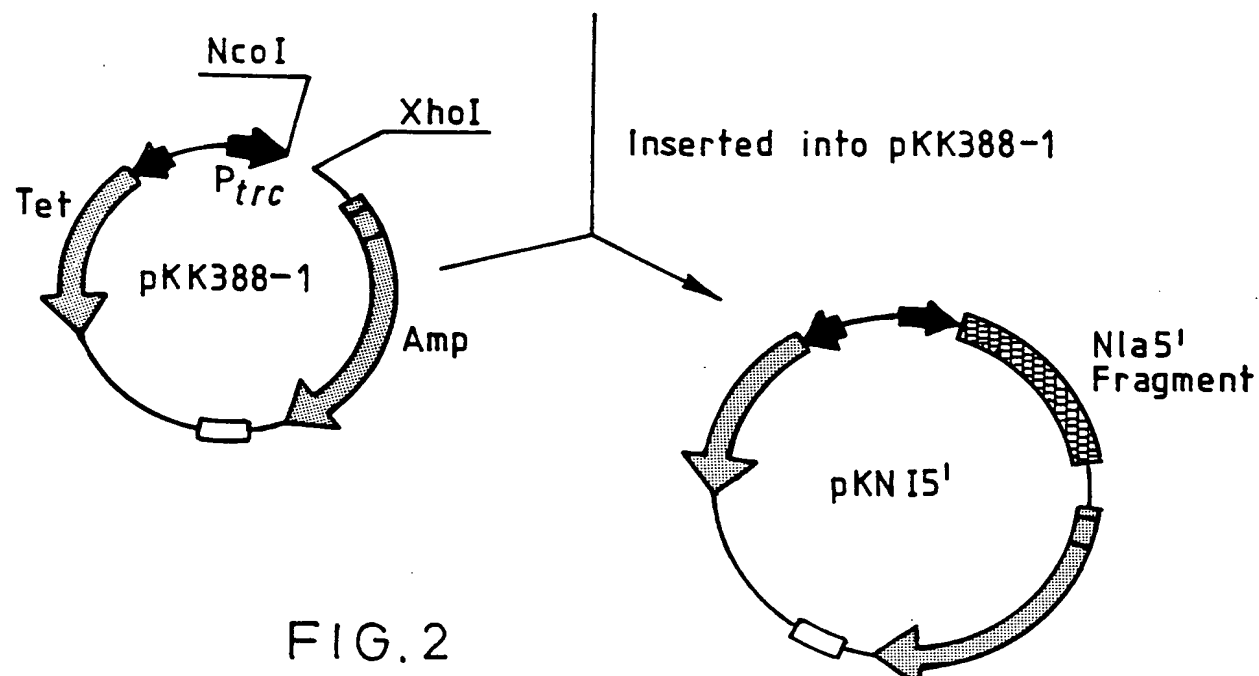
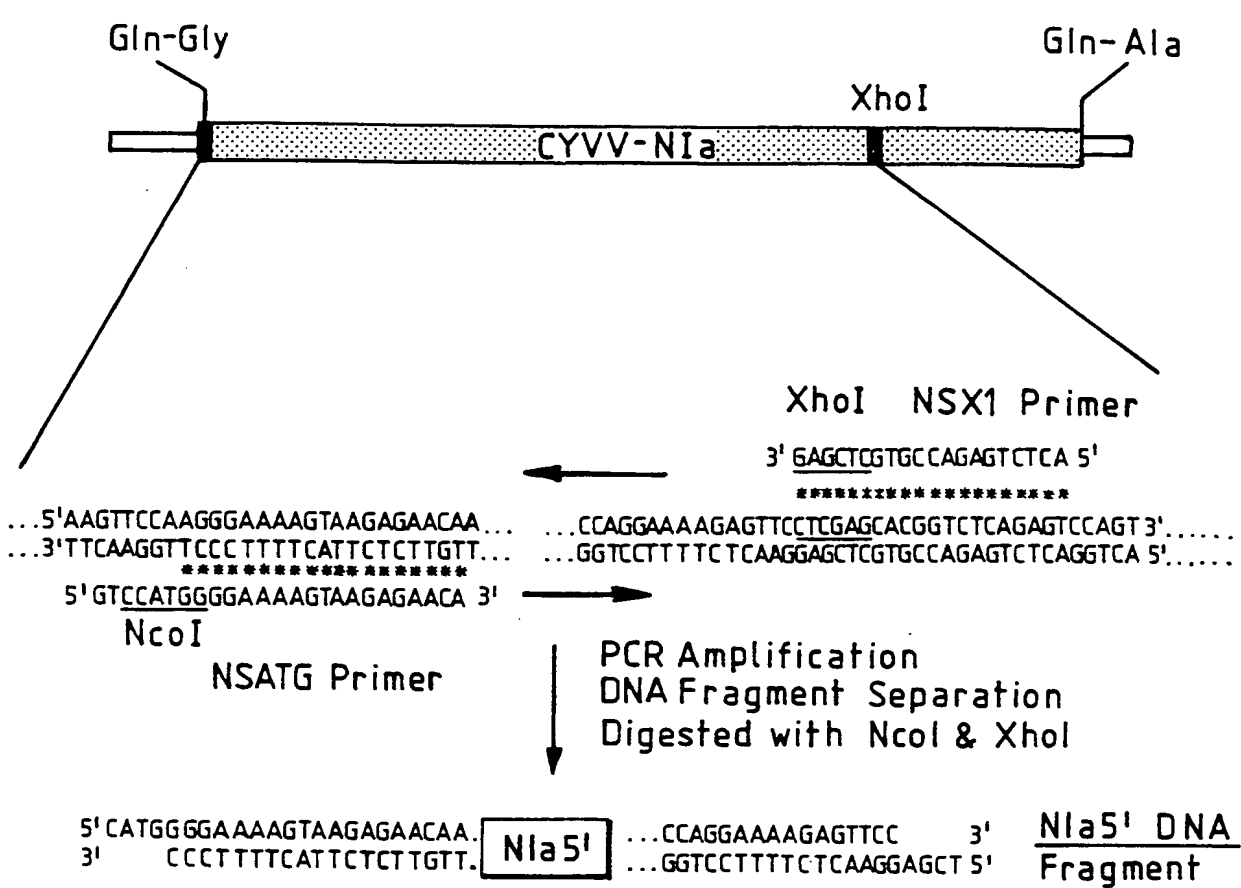


FIG.2

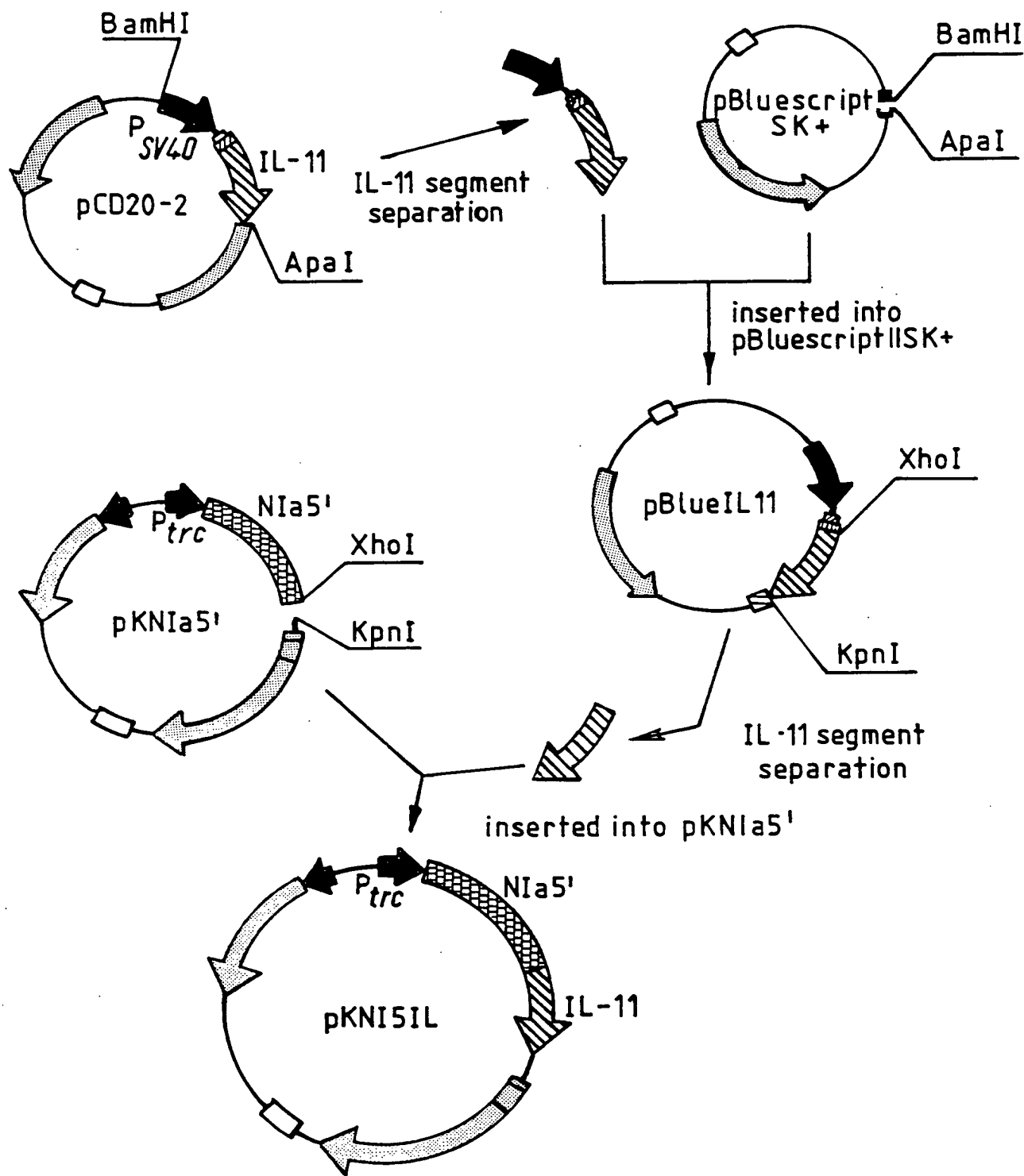
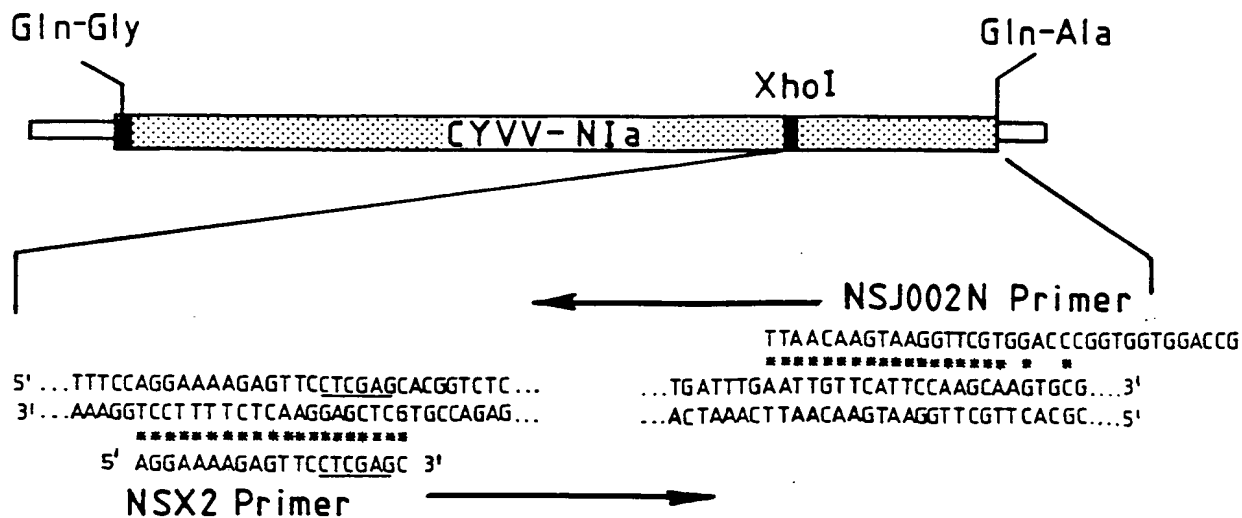


FIG. 3

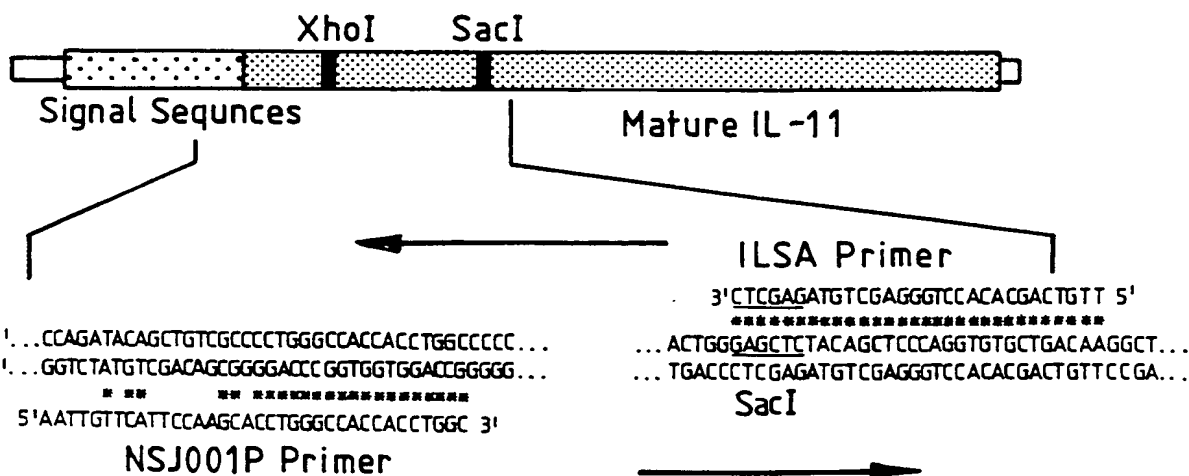


PCR Amplification

5' AGGAAAAGAGTTCCTCGAGCACGGTCTC ... 3' TGATTGAATTGTTTCATTCCAAGCACCTGGGCCACCACTGGC 3'

3' TCTTTTCTCAAGGAGCTCGTCCAGAG ... 5' ACTAAACTTAACAAGTAAGGTTCTGGACCCGGTGGTGACCG 5'

CIN3 DNA



PCR Amplification

5'AATTGTTTCATTCCAAGCACCTGGGCCACCACTGGCCCCC... 3' ACTGGGAGCTCTACAGCTCCCAGGTGTGCTGACAA 3'

3'TTAACAAGTAAGGTTCTGGACCCGGTGGTGACCGGGG... 5' TGACCCTCGAGATGTCGAGGGTCCACAGACTGTT 5'

5'IL DNA

FIG. 4

5'AGGAAAAGAGTTCC TCGAGCACGGTCTC
3'TCCTTTTCTCAAGGAGCTCGTGCCAGAG

CIN3 DNA

TGATTTGAATTGTTTCATTCCAAGCACCTGGGCCACCACTGGC 3'
ACTAAACTTAACAAGTAAGGTTCTGTGGACCCGGTGGTGGACCG 5'

Homologous Region

5' AATTGTTTCATTCCAAGCACCTGGGCCACCACTGGCCCC
3' TTAACAAGTAAGGTTCTGTGGACCCGGTGGTGGACCGGGG

5'IL DNA

ACTGGGAGCTCTACAGCTCCAGGTGTGCTGACAA 3'
TGACCTCGAGATGTCGAGGGTCCACACGACTGTT 5'

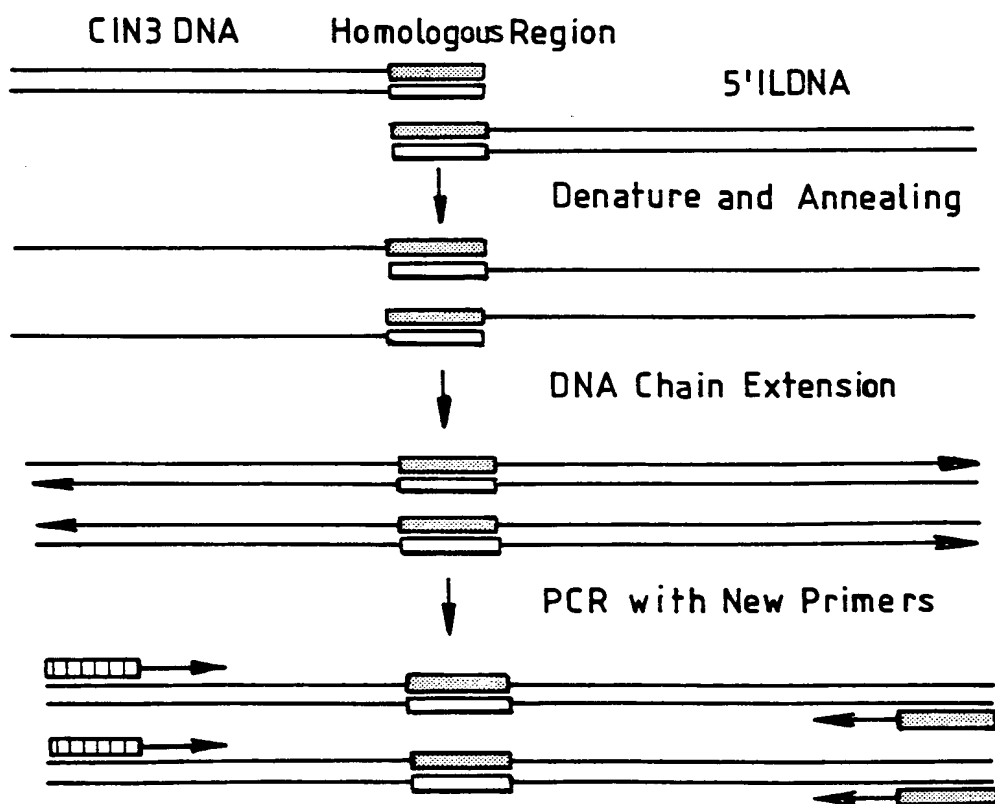


FIG. 5

0954240 2424240

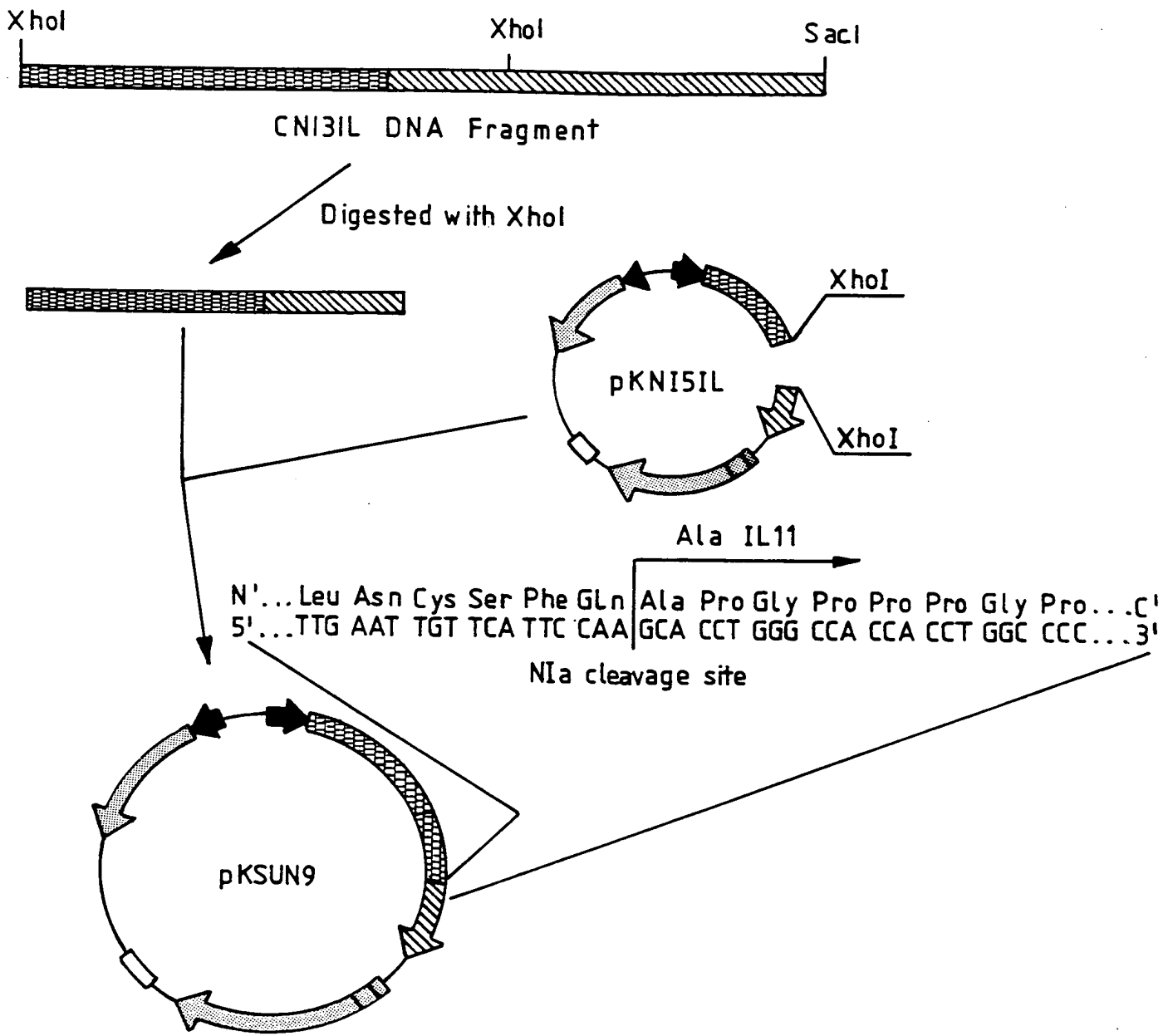


FIG.6

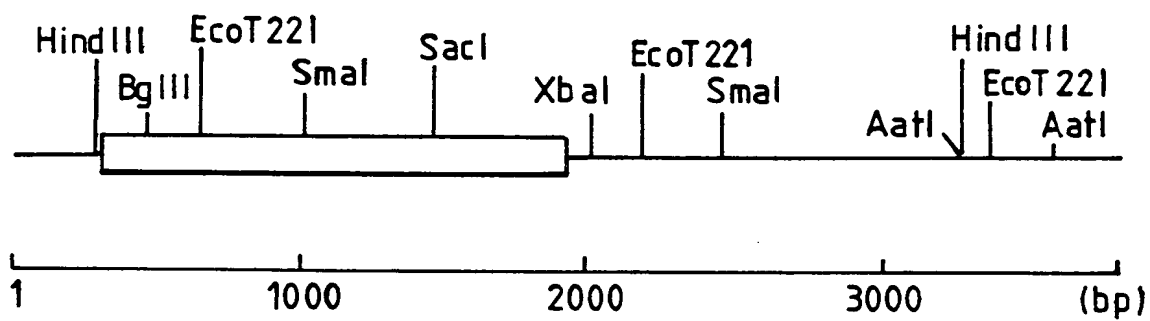
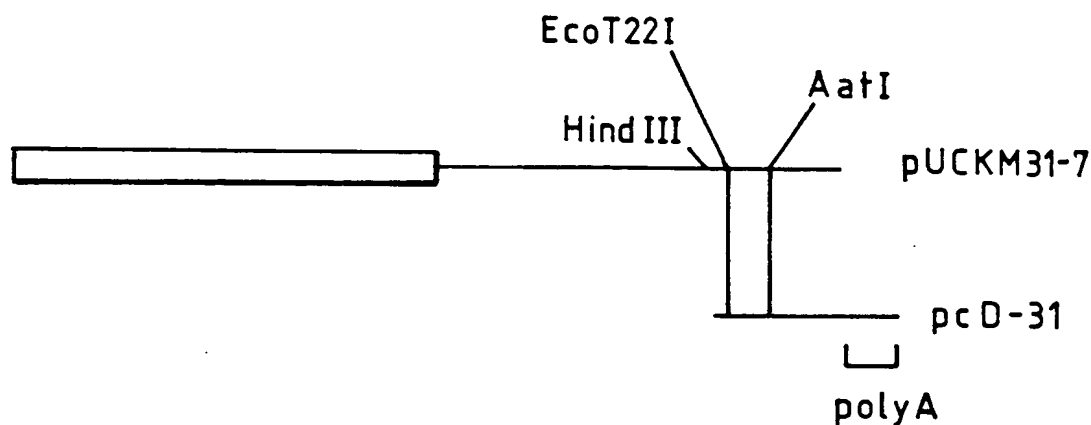


FIG.7



pUCKM31-7: CATATTCAGTTTATTATTATTATTTAATTTGTTTTTTC TCC

pcD-31:

AAGTCCACCAGTCTCTGAAATTAGAACAGTAGGCGGTATGAGATAATCAG

.

GCCTAATCATGTTGTGATTCTCTTTTCTTAGTGGAGTGGAATGTTCTATC

|||||

. CCTAATCATGTTGTGATTCTCTTTTCTTAGTGGAGTGGAATGTTCTATC

CCCACAAGAAGGATTATATCTTATAGACTTGTCTTGTTTCAGATTCTGTAT

|||||

CCCACAAGAAGGATTATATCTTATAGACTTGTCTTGTTTCAGATTCTGTAT

TTACCCATT TTATTGAAACATATACTAAGTTCATGTATTTTGTGTACAA

|||||

TTACCCATT TTATTGAAACATATACTAAGTTCATGTATTTTGTGTACAA

ATCTTCTGAAAAAAACAAAACAATGTGAAACAT TAAAATTAAAAGGCAT

|||||

ATCTTCTGAAAAAAACAAAACAATGTGAAACAT TAAAATTAAAAGGCAT

TAATA

TAATAATAA.

FIG.8

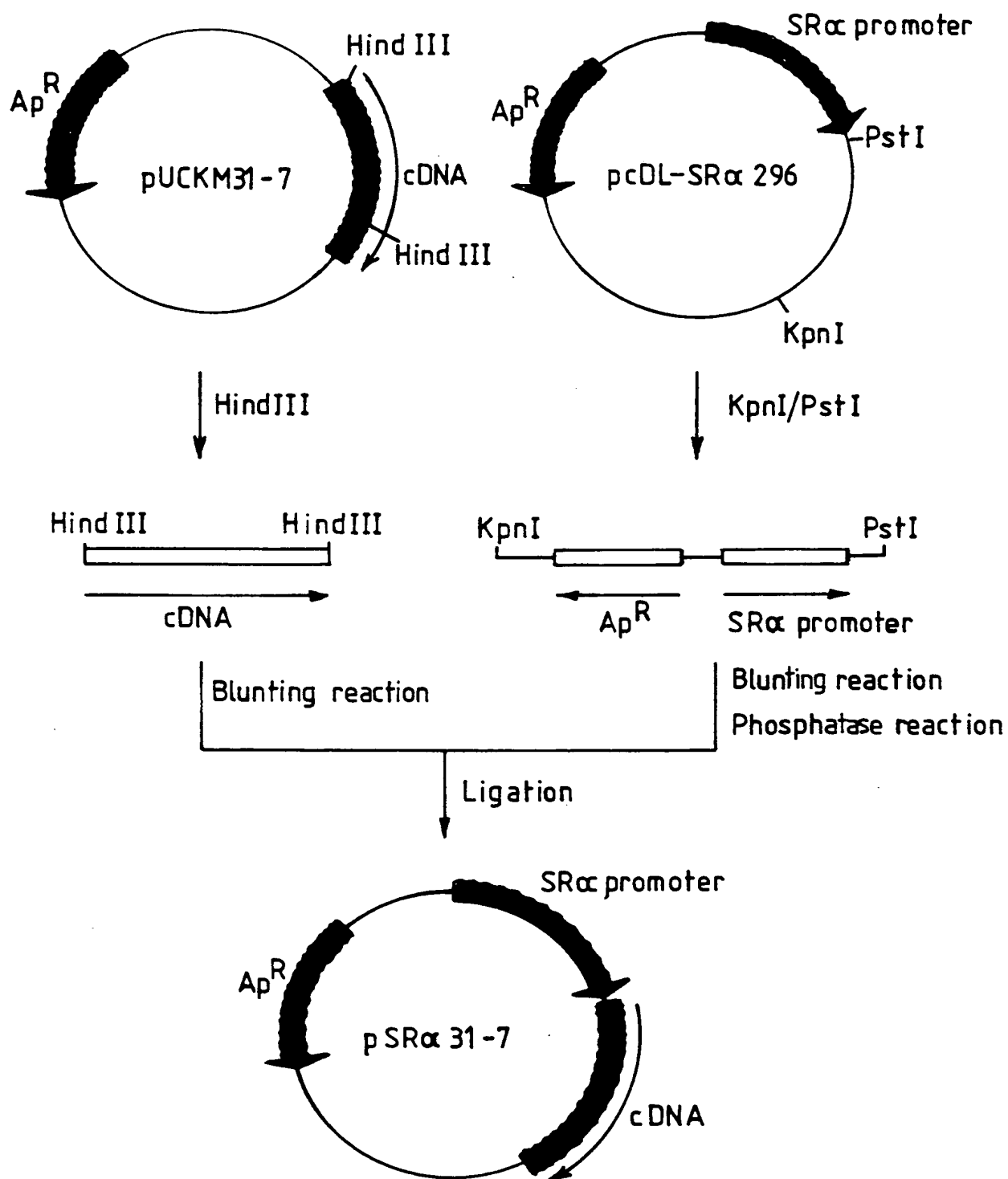


FIG.9

0964347.0494

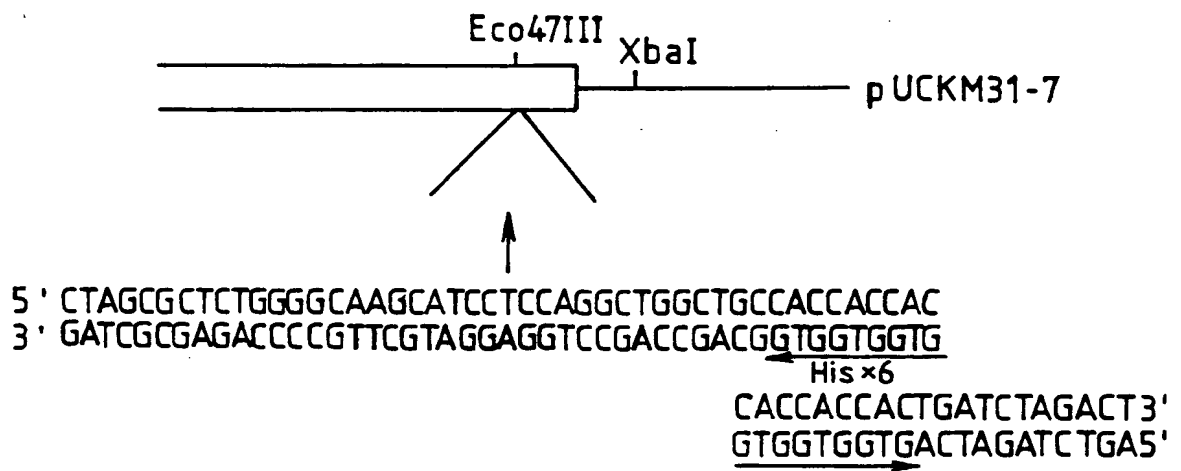


FIG. 10

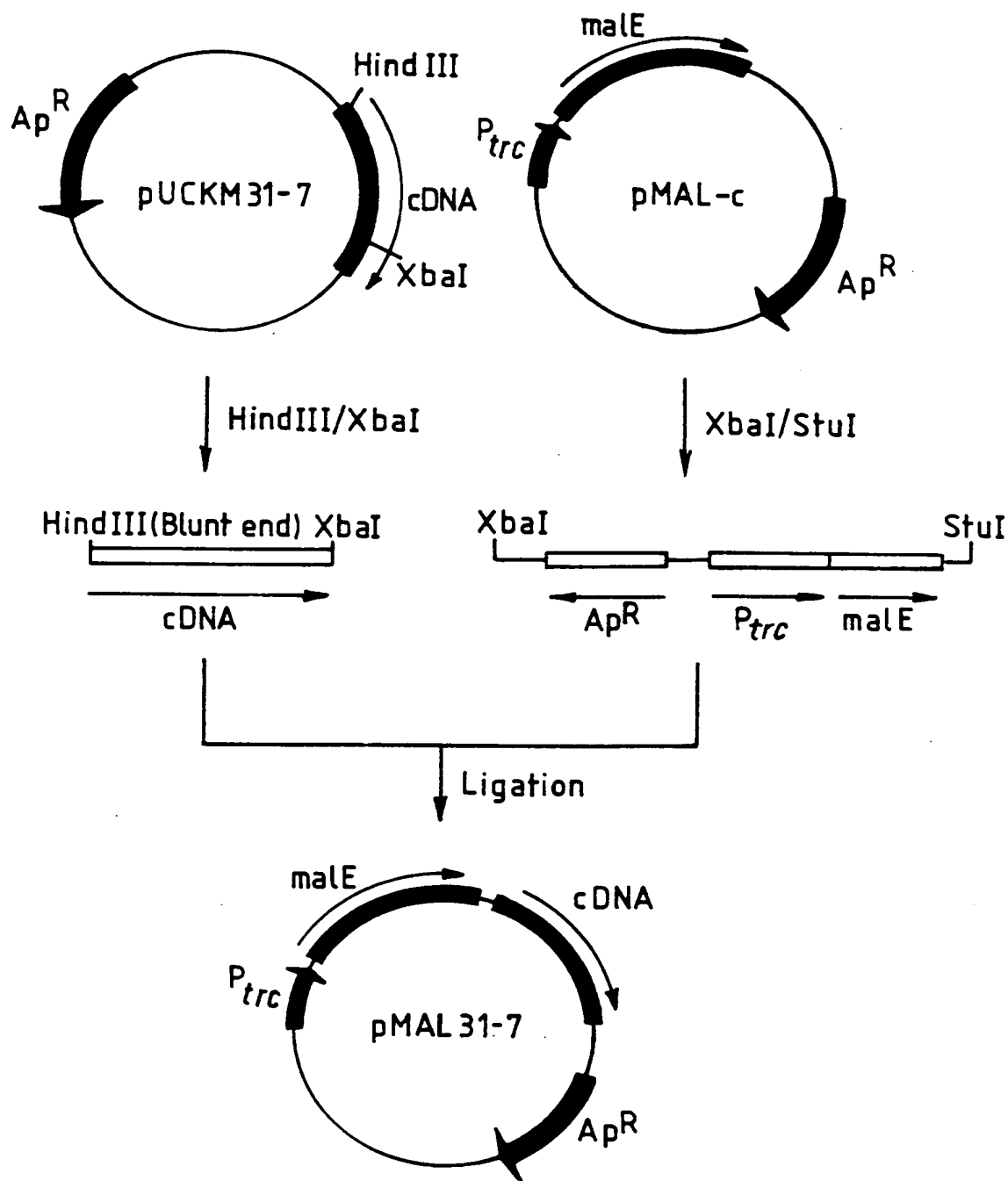


FIG.11

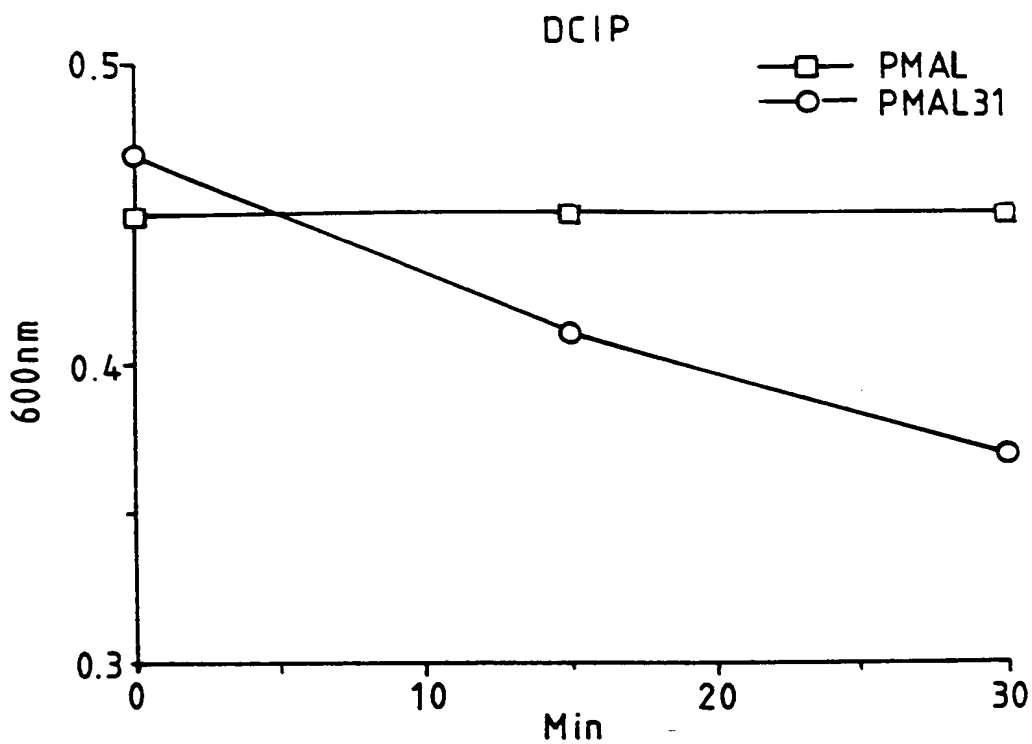


FIG. 12A

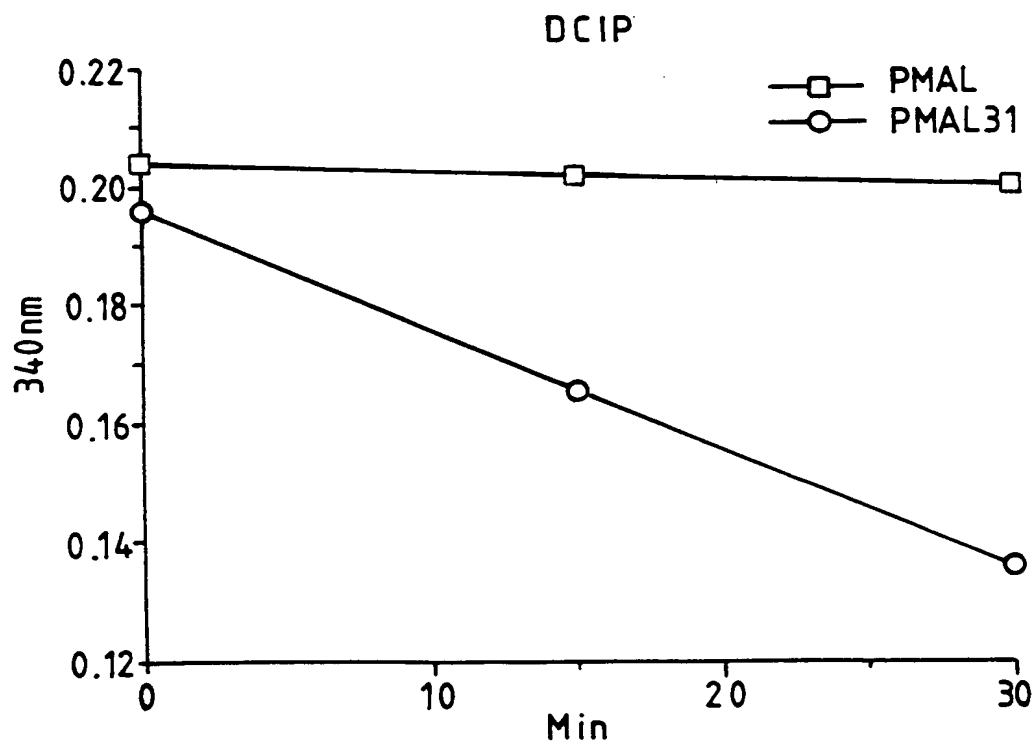


FIG. 12B

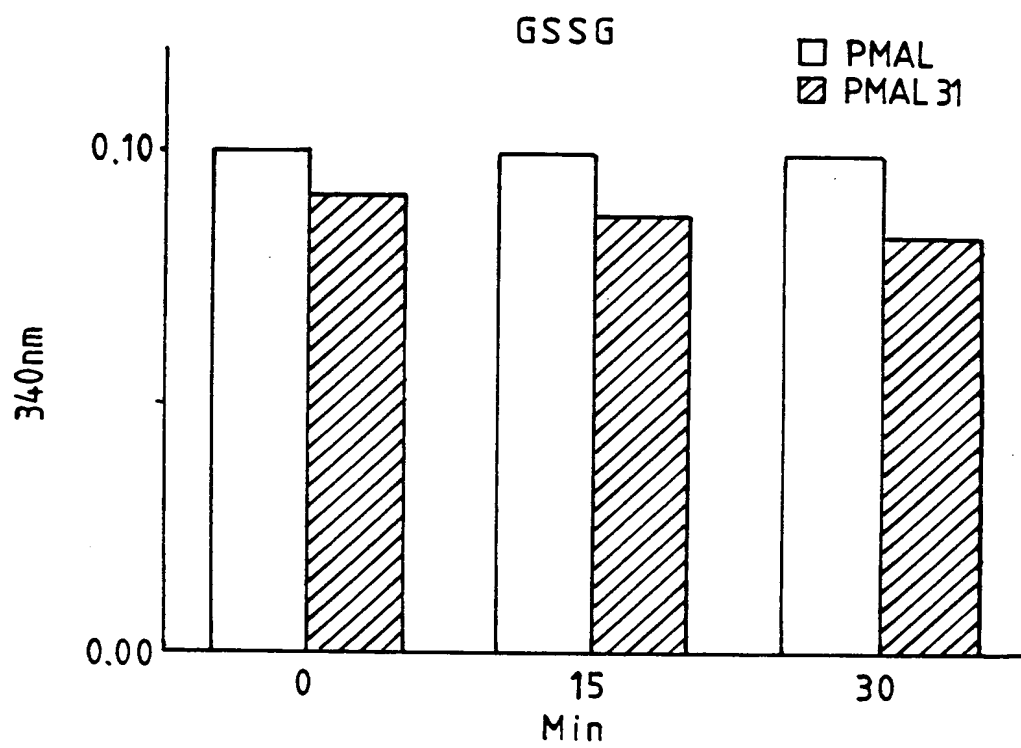


FIG.13